

**REVEGETATION PLAN  
FUERTE RANCH ESTATES TM 5343**

**Prepared for:**

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## **INTRODUCTION**

The following plan is a conceptual outline and content guideline for the preparation of a detailed revegetation plan for the proposed onsite channel should mitigation be conducted onsite. This outline and format follow the County of San Diego Revegetation Plan Format, Content and Guidelines. Regardless of whether this area is counted as biological mitigation or not, the channel will be revegetated to provide water quality benefits but will not need to meet the success criteria for biological function.

## **REVEGETATION OUTLINE**

### **1. Purpose and Goals of the Revegetation Plan**

This section will describe the general goals of the project, what type of function the revegetated habitat is attempting to achieve, and the ultimate purpose of the project. This should also include a description of the function and value of the ultimate habitat for use by wildlife and for water quality.

### **2. Project Summary**

The project summary will include a summary of the existing habitats onsite, before project implementation, the amount of impact to all habitats onsite, and the required mitigation ratios and acreages. This section should include a location map, map of the revegetation location, habitat map, and a habitat impact map. All other items listed in the County Guidelines for Revegetation Plan Format must be included in this section.

### **3. Agency Concerns and Requirements**

Any meetings, correspondence or approvals from resource agencies should be summarized here and/or attached to the Revegetation Plan. This includes items from California Department of Fish and Game, Army Corps of Engineers, Regional Water Quality Control Board and US Fish and Wildlife Service.

### **4. Revegetation Design Concept**

This section should describe the general approach the design, constraints that were encountered during the design process, and the goal of the ultimate habitat to be created.

### **5. Project Responsibility**

The responsibility of the success of the project will be either the builder, or the homeowner association. This will be determined during the project processing and will be detailed in the final report.

## 6. Establishment of Reference Site

The only feasible reference site for this revegetation project is downstream within the Damon Lane Open Space preserve. It should be noted, however, that the downstream habitat is degraded. This section will provide important information regarding hydrology and the overall health of the stream-course. There is no suitable habitat or reference site upstream.

## 7. Revegetation Site Suitability Analysis

The site is currently under investigation to determine if the hydrologic component required to support a riparian system would be available after construction is completed. Currently, the site is an active chicken ranch, and the majority of the hydrology in the drainage is derived from chicken ranch operations. The results of the investigation will be included in the final revegetation plan. If it is determined that the site does not have suitable hydrology to support a riparian system, mitigation may need to be conducted offsite.

## 8. Project Implementation

Once a detailed planting plan is prepared, this section will include the details required for the construction and installation of the mitigation site. The project should have, at a minimum, two habitat zones: riparian scrub and oak/sycamore woodland. Riparian scrub will likely be planted from the lower portion of the bank and on the bottom of the slope. Oak/sycamore woodland will likely be planted on the top half of the slope. The plant palette should include the following plant species:

Mulefat	<i>Baccharis salicifolia</i>
Sandbar willow	<i>Salix exigua</i>
Coyotebush	<i>Baccharis pilularis</i>
Arroyo Willow	<i>Salix lasiolepis</i>
Scrub oak	<i>Quercus berberidifolia</i>
Live oak	<i>Quercus agrifolia</i>
Sycamore	<i>Platanus racemosa</i>
Blackberry	<i>Rubus ursinis</i>
Ragweed	<i>Ambrosia psilostachya</i>

This list will be refined after the reference site is reviewed. Therefore, the above list is only a general guideline at this time. Once a final plant list is determined, size and quantity will be included in the final revegetation plan.

A detailed landscape plan will be included in this section. This will include planting techniques, fertilization, plant palette, irrigation needs and plant placement. A licensed landscape architect will prepare this plan.

## **9. Project Maintenance**

A maintenance schedule will be included in the final revegetation plan. This will include a weekly or monthly schedule for weeding, irrigation, trash removal and pest control. Pruning, plant replacement, and fertilization will also be determined.

## **10. Project Monitoring**

The monitoring section will discuss the number of data collection points to be monitored, the data collection technique, the frequency of monitoring, and the method of qualitative monitoring. This may include transect or quadrat measurements, review of the site for pests and vandalism, and monitoring for adequate weeding. This section will include monitoring and reporting requirements for a minimum of five years.

## **11. Project Cost Estimate**

A detailed cost estimate will be provided from the landscape architect once a final landscape drawing is prepared.